

Entered in MID File ..... ✓  
Location Map Planned ..... ✓  
Card Indexed ..... ✓

Checked by Chief *P.W.B.*  
Approval Letter *9-10-74*  
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed *12-14-74* .....

Location Inspected ..

DW..... WW..... TA..... ✓

Bond released

GW..... OS..... PA..... ✓

State or Fee Land .....

LOGS FILED

Driller's Log..... ✓

Electric Logs (No.) .....

..... I..... Deal I Int..... GR-N..... Micro.....

MC Sonic CR..... Int..... NI-L..... Sonic.....

CBLog..... CCLog..... Others.....

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

5. LEASE DESIGNATION AND SERIAL NO.  
**ML 30603**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Hunters Canyon**

9. WELL NO.  
**1**

10. FIELD AND POOL, OR WELDCAT  
**Undesignated**

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA  
**Sec. 16-T27S-R22E  
SLM**

12. COUNTY OR PARISH 13. STATE  
**San Juan Utah**

1a. TYPE OF WORK  
**DRILL**  **DEEPEN**  **PLUG BACK**

b. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
**May Petroleum Incorporated**

3. ADDRESS OF OPERATOR  
**One Energy Square, Suite 1000, 4925 Greenville Ave., Dallas, Texas 75206**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface  
**1980'FSL, 660'FEL**  
At proposed prod. zone  
**Same**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**--**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
**660'**

16. NO. OF ACRES IN LEASE  
**--**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**640 Ac.**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
**--**

19. PROPOSED DEPTH  
**7500**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5435'GR**

22. APPROX. DATE WORK WILL START\*  
**9-16-74**

*WNESE*

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/4	13-3/8	48.0	70' ✓	100 sxs ✓
12-1/4	8-5/8	24.0	1300' ✓	500 sxs ✓
7-7/8	4-1/2 or 5-1/2	11.6 or 17.0	7500'	To be determined

It is proposed to drill this well, using drilling mud as a circulating medium through the McCracken formation. All probable producing intervals will be tested.

*Need BOP Data*  
*Potash Area*

*Q3*  
*DL*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. For: **May Petroleum Incorporated** President, Walsh Engr. & Prod. Corp. DATE **September 6, 1974**

SIGNED *Ewell N. Walsh* TITLE **Ewell N. Walsh, P. E.**

(This space for Federal or State office use)

PERMIT NO. **43-037-30207** APPROVAL DATE

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

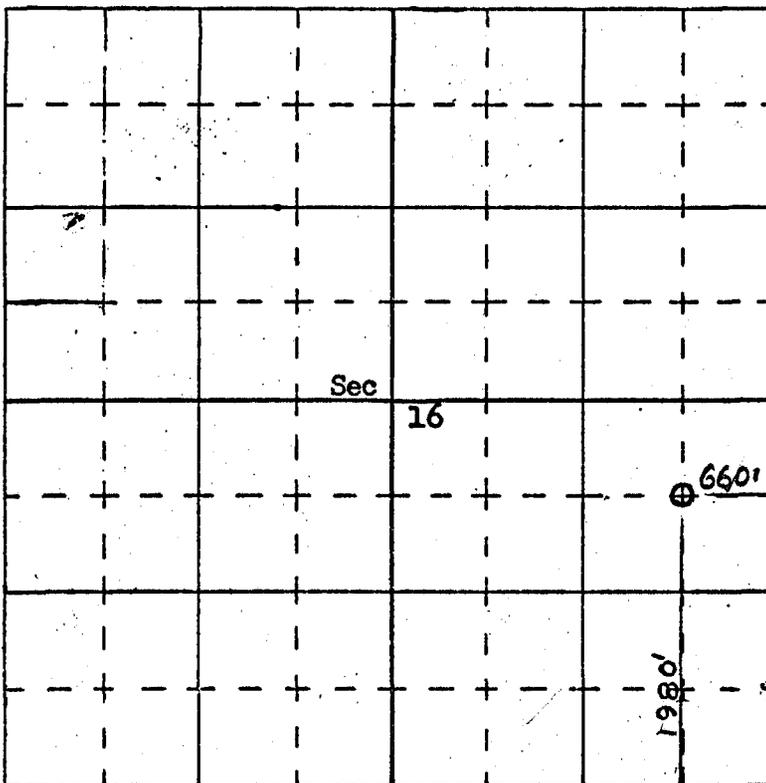
COMPANY MAY PETROLEUM INCORPORATED

LEASE HUNTERS CANYON WELL NO. 1

SEC. 16, T. 27S, R. 22E SLM

LOCATION 1980' FSL 660' FEL  
SAN JUAN COUNTY, UTAH

ELEVATION 5135 Gr



SCALE—4 INCHES EQUALS 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SEAL:

*Fred B. Ford Jr.*  
Registered Land Surveyor.  
Fred B. Ford Jr.  
#3950

SURVEYED August 29, 1974

FARMINGTON, N. M.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

109° 30'  
38° 30'  
7.20 S.

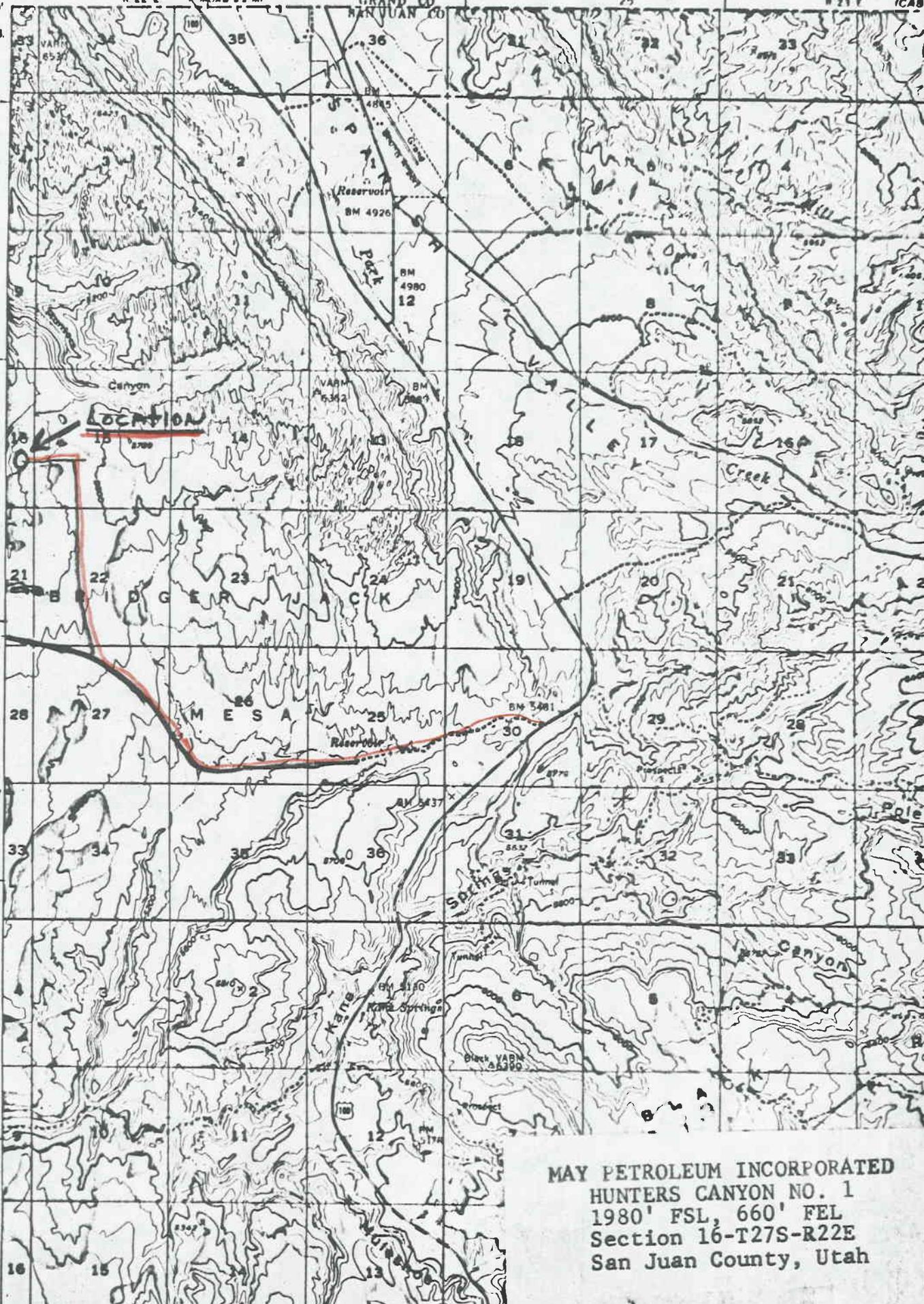
R 22 E  
30 MI TO US 60  
ROAD 6.8 MI

GRAND CO  
SAN JUAN CO

25'

R 21 E

ICAS



7.27 S

All roads are  
existing roads

MAY PETROLEUM INCORPORATED  
HUNTERS CANYON NO. 1  
1980' FSL, 660' FEL  
Section 16-T27S-R22E  
San Juan County, Utah

## DEVELOPMENT PLAN

MAY PETROLEUM INCORPORATED

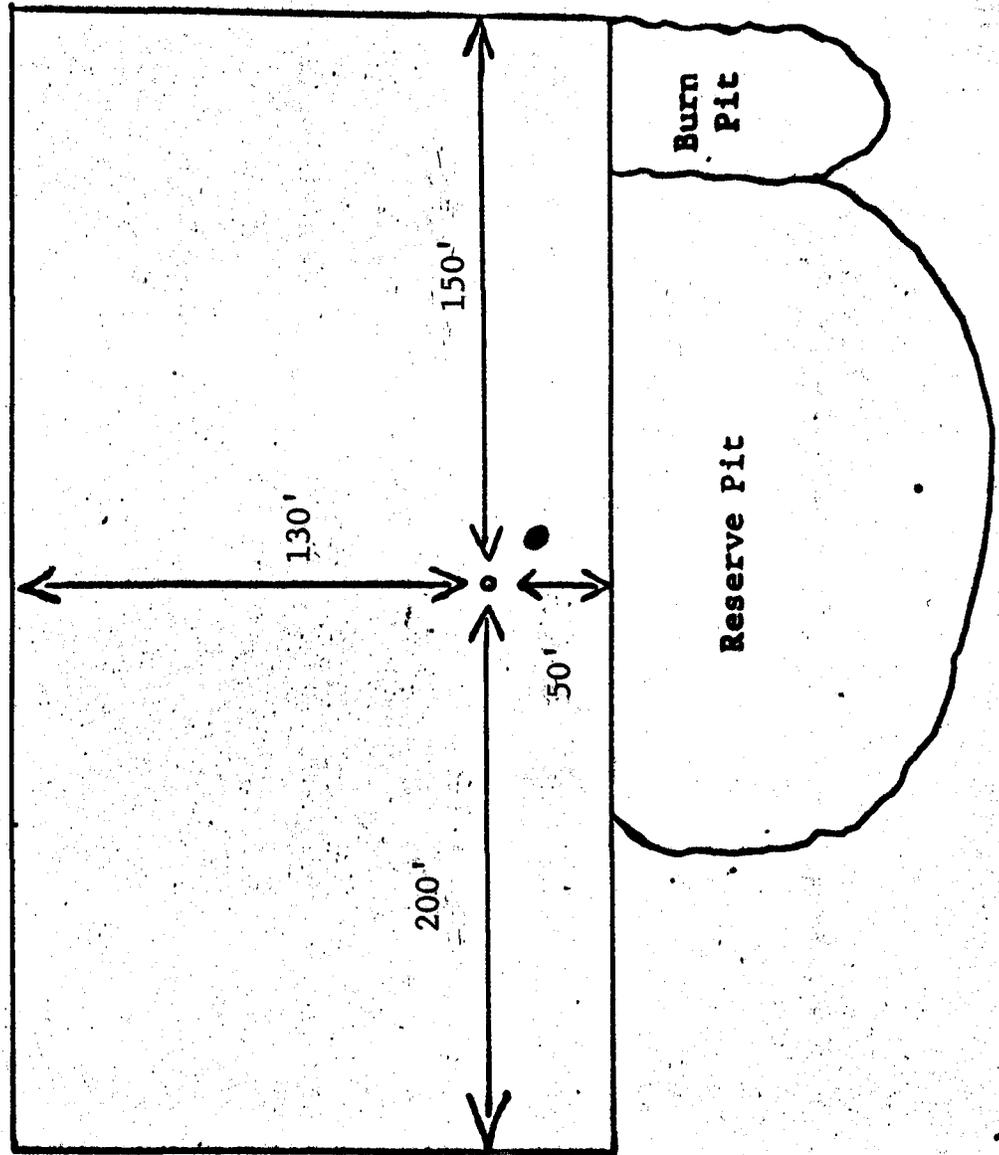
HUNTERS CANYON NO. 1

1. Existing roads shown on attached plat.
2. Planned access from existing road is approximately 0' to new location. Existing road is at location site.
3. Location - Hunters Canyon No. 1  
1980' FSL; 660' FEL  
Section 16-T27S-R22E  
San Juan County, Utah
4. No additional well is planned on this lease at this time.
5. Production equipment or storage facilities proposed for the well will be installed on location.
6. Fresh water will be obtained from Water Hole near Hole in the Rock, SW/4 Sec. 1-T28S-R22E. Salt water will be obtained from saltwater well at Moab, Utah.
7. Waste materials will be buried on location or in reserve pit.
8. No permanent camp is planned. A trailer house will be used on location during drilling process.
9. No airstrip proposed.
10. See attached plat for layout.
11. Pits will be filled, location cleaned up, and area not in use for producing well will be reseeded using broadcast method of planting.

DEVELOPMENT PLAN

MAY PETROLEUM INCORPORATED  
HUNTERS CANYON NO. 1  
1980' FSL, 660' FEL  
Section 16-T27S-R22E  
San Juan County, Utah

PROPOSED LOCATION LAYOUT



Please return one approved copy to:

**WALSH**  
**ENGINEERING & PRODUCTION CORP.**  
**P. O. BOX 254**  
**FARMINGTON, NEW MEXICO 87401**

*In approval letter put  
paragraph in products  
Polach*

*CSZ*

*White File*

ENVIRONMENTAL IMPACT EVALUATION

LEASE: ML 30603

WELL NO. AND LOCATION: Hunters Canyon #1, 1980' FSL & 660' FEL, (NE $\frac{1}{4}$  SE $\frac{1}{4}$ ), Section 16, Township 27 South, Range 22 East, SLBM, San Juan County, Utah.

Proposed Action:

May Petroleum Incorporated proposes to drill an exploratory oil and gas well to a depth of approximately 7500' to test the McCracken Formation.

Description of the Environment Affected:

The proposed location is approximately seven miles southeast of Moab and approximately 20 miles northwest of the Lisbon Oil Field in a semi-remote area known as Bridger Jack Mesa. As a matter of interest, the Lisbon Field produces oil and gas from the McCracken sandstone, member of the Devonian Elbert Formation, the Madison Dolomite, member of the Mississippian Formation and the Paradox Salt Shale, member of the Pennsylvanian Formation. This location is in the same geologic environment and trend.

Lands to be affected by these operations are dry and arid. They are vegetated by a few scrub cedar trees with an understory of desert shrub, forbs and grasses. The usual desert fauna are present. However, none of the wildlife seen were listed on the 1973 Threatened Species List. A jeep road, which provides access to Pritchell National Bridge and some mining claims several miles to the northwest, traverses Section 16. It is this road which will be used as an access road to the well site. The Bureau of Land Management has already given approval for the operator to improve two miles of this road for the purpose of moving a drilling rig onto the location.

The well site itself falls on a mesa which gently slopes to the southwest for approximately two miles where it then drops off into Cane Springs Canyon. The area surrounding said site is quite scenic and aesthetically pleasing to those who enjoy the multi-colored dramatically-sculptured cliffs to the north, the beautiful canyon to the west and southwest, and the magnificent desert environment.

No archeological sites could be observed within the area of the drill site.

No water wells exist in the immediate vicinity. Therefore, fresh water for drilling operations will be obtained from a water hole near "Hole in the Rock," SW $\frac{1}{4}$ , Section 1, Township 28 South, Range 22 East, SLBM, and salt water will be obtained from a salt water well two miles north of Moab.

### Effects on the Environment By the Proposed Action:

The operations will require up-grading and improvement of about two miles of existing road which is now suitable only for four-wheel drive or pick-up travel. Road and location construction would require approximately one week of heavy equipment work (D7 Cat). The drill site and reserve pit will require leveling and removal of vegetation from an area of about 225 feet x 350 feet. The drilling operations could require about three weeks to one and one-half months from rig-up to completion, and the area would remain disturbed for six months to one year before rehabilitation could be completed. The discovery of oil or gas would result in an operation lasting from ten to thirty years, which in turn would necessitate additional soil disturbance and vegetation removal.

The erosion potential is moderate, but any spillage if unchecked would find its way to Cane Springs Canyon and, eventually, the Colorado River.

The site is not located near any recreational or tourist overlook and would have little or no impact on overall aesthetics. Visual impact would be confined to the immediate area because of the general topography.

Minor air pollution by exhaust emissions from equipment and "dusting" would occur over the life of the project.

Traffic on the present road system will not cause any significant disturbances for the drilling and completion or plugging operations, but continued traffic for production activities could be a problem unless said road system is substantially improved.

Noise pollution from the drilling equipment, transport, and support traffic will occur over the life of the project.

Because of the small number of individuals employed in drilling activities, the quality of life in the town of Moab will not be stressed by a large number of additional workers and their families moving in on a fairly crowded municipality.

### Alternatives to the Proposed Action:

There is no alternative site within Section 16 that would be less environmentally sensitive than the site under construction.

The only other viable alternative is to not approve the existing application to drill. However, this would deny the operator a lease right for which he has been paying a yearly rental, and, which in turn, cannot be refunded.

### Mitigating Factors and Conclusions:

Within several miles of the well site there are a number of mines and mining claims, and two plugged and abandoned wells. From this it would certainly appear that the area under consideration is most valuable for its

potential natural resources, i.e. copper, potash, uranium, oil and gas, etc.

Also the discovery of oil or gas will help alleviate the current energy problems and royalties would return 12-1/2% to the State Land Board for schools.

Aesthetic qualities will not be seriously affected by the introduction of a drilling rig or production facility. In fact, visual and noise pollution will only affect those few sight-seers and ranchers passing within the immediate vicinity of the drill site. Prior wells drilled in the area did not significantly affect or cause permanent damage to the environment.

Proper land reclamation and vegetation will eventually return the site to its present condition.

Construction of containment sumps and protective earthen dikes will eliminate any threat of pollution to the Colorado River. Emergency contingency spill plans will further reduce the threat of accidental spills.

Air pollution by exhaust emissions and dust will be minimal.

This requested action will not significantly affect the environment.

Date Inspected

9/5/74

Elmer B. Feight

Division of Oil & Gas Conservation  
Salt Lake City, Utah

September 10, 1974

May Petroleum Incorporated  
One Energy Square  
Suite 1000  
4925 Greenville Avenue  
Dallas, Texas 75206

Re: Well No. Hunters Canyon State #1  
Sec. 16, T. 27 S, R. 22 E,  
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the General Rules and Regulations and Rules of Practice and Procedure. However, as this proposed site is in a designated potash area, your attention is specifically directed to Rule C-23 of the enclosed booklet.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer  
HOME: 277-2890  
OFFICE: 328-5771

Due to the increase in Utah's drilling activity, and thus well inspections, it would be greatly appreciated if your company would advise this office as to your drilling contractor, rig number, and toolpusher, immediately upon spudding-in.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-037-30207.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

5  
PETROLEUM ENGINEERING  
RESERVOIR STUDIES  
EVALUATIONS  
GEOLOGICAL STUDIES

EWELL N. WALSH, P.E.  
President

WALSH  
ENGINEERING & PRODUCTION  
CORPORATION

EXECUTIVE BLDG. - 413 W. MAIN  
P. O. BOX 254  
FARMINGTON, NEW MEXICO  
87401

ASMB  
LEASE MANAGEMENT  
CONTRACT PUMPING  
DRILLING SUPERVISION  
WORKOVER SUPERVISION

TELEPHONE 325-8203

September 16, 1974

Mr. Cleon Fieght  
Division of Oil & Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Ref: May Petroleum Incorporated  
Hunters Canyon No. 1  
NE/4SE/4 Section 16-T27S-R22E  
San Juan County, Utah  
API Number 43-037-30207

Dear Mr. Fieght:

As per your request the following information is being sent to you.

Drilling Contractor: Cactus Drilling Corporation  
Rig No. 5

Toolpusher: Mr. Jim Speaker

Engineer: Mr. Ewell N. Walsh  
Walsh Engineering & Production Corp.  
P. O. Box 254  
Farmington, New Mexico 87401  
Phone: (505)-325-8203.

The rig is currently moving on location and rigging up. The well should be spudded approximately September 19 or 20, 1974.

Very truly yours,



Ewell N. Walsh, P. E.  
President

ENW:lt

cc:Mr. Prentice Watts

Red Walls

12/11/74

May Pet. Inc.

Hunter Canyon - #1 sec 16 T27S R22E

T.D. - 7100 - PST tool steel @ 6960

well log to reef top of fish - 6583 - two water

S.T. salt - 6100 - no sig. pre-limb ↓

Maunapua - 1150

Corals to boundary salt

Cutler - ~~1550~~ 1590

Hermosa - 2875

base of salt

T.D. - top of Meis. - Dalamit @ 6950 - not in Hermosa &

① 200' plug top of fish  
6350 - 6550

② 200' plug top of salt.

③ 100' plug top of Hermosa

$8\frac{5}{8}'' = 1325'$  of surface pipe - cemented

④ 100' - base of reef - 75% intact

⑤ 10.25' marker - salt well plug - 10.8' #  
between plugs.

**STATE LEASE**  
**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**ML 30603**

6. IF INDIAN, ALLOTTEE OR ~~TRIBE~~ NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Hunters Canyon**

9. WELL NO.

**1**

10. FIELD AND POOL, OR WILDCAT

**Undesignated**

11. SEC., T., R., M., OR BLK. AND  
SUBVEY OR AREA

**Sec. 16-T27S-R22E**

**SLM**

12. COUNTY OR PARISH 13. STATE

**San Juan**

**Utah**

1.  OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
**May Petroleum Incorporated**

3. ADDRESS OF OPERATOR **One Energy Square, Suite 1000,  
4925 Greenville Avenue, Dallas, Texas 75206**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

**1980' FSL, 660' FEL**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

**5435' GR**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

9-20-74 Spud Well

9-21-74 Ran 3 jts., 12-3/4", 35.99 lb, 8V, T&C Line Pipe for conductor. (64') set at 79' with 120 sacks Class "B" cement with 2% calcium chloride circulated to surface.

9-26-74 Depth 1326'

Ran 30 jts, 8-5/8", 24.0 lb, casing (1297') set at 1313' with 174 sxs Howco "Light" cement with 1/4 lb. Flocele per sack followed by 150 sxs Class "B" cement with 1/4 lb. Flocele per sack. Cement did not circulate. Welded 12-3/4" casing to 8-5/8" casing and pumped 100 sxs. Class "B" cement in annulus. Pressure tested 8-5/8" casing with 1500 psig - 30 min before drilling out.

For: May Petroleum Incorporated

18. I hereby certify that the foregoing is true and correct

SIGNED Ewell N. Walsh, P. E.

President, Walsh Engineering  
& Prod. Corp.

DATE **Dec. 18, 1974**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

STATE LEASE  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other In-  
structions on  
reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.  
**M.L. 30603**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Hunters Canyon**

9. WELL NO.

**1**

10. FIELD AND POOL, OR WILDCAT

**Undesignated**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

**Sec. 16-T27S-R22E  
SLM**

12. COUNTY OR PARISH

**San Juan**

13. STATE

**Utah**

19. ELEV. CASINGHEAD

**5435'**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION:  
NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESRV.  Other **Plug & Abandon**

2. NAME OF OPERATOR  
**May Petroleum Incorporated**

3. ADDRESS OF OPERATOR **One Energy Square, Suite 1000,  
4925 Greenville Avenue, Dallas, Texas 75206**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface **1980' FSL, 660' FEL**

At top prod. interval reported below

At total depth

**At 6563'**

**1525' FSL, 1148' FEL**

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

**9-20-74**

16. DATE T.D. REACHED

**11-25-74**

17. DATE COMPL. (Ready to prod.)

**12-14-74**

**P&A**

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*

**5435' GR**

19. ELEV. CASINGHEAD

**5435'**

20. TOTAL DEPTH, MD & TVD

**7100**

21. PLUG, BACK T.D., MD & TVD

**Surface**

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

**→**

ROTARY TOOLS

**X**

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

**None**

25. WAS DIRECTIONAL SURVEY MADE

**Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**Dual Laterlog, BHC Sonic, Neutron, Directional Survey**

27. WAS WELL CORED

**No**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
12-3/4	35.99	79	17-1/2	120 sxs	None
8-5/8	24.00	1313	11	424 sxs	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
None		

31. PERFORATION RECORD (Interval, size and number)

**None**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
<b>P&amp;A</b>							
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			<b>→</b>				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		<b>→</b>					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

**See Over for Remarks**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

For: **May Petroleum Incorporated** President, **Walsh Engineering &**

SIGNED **Ewell N. Walsh, P. E.**

TITLE **Production Corporation** DATE **Dec. 18, 1974**

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 38. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
<p>37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES</p>						
<p>Ran DST 6960'-7100'. DST tools and Drill Collars. Top of fish at 6583'. Plugged and abandoned 60 sxs, 6350'-6550' 60 sxs, 6020'-6220' 30 sxs, 3920'-4020' 30 sxs, 1225'-1325' 10 sxs, Top of surface casing Dry Hole Marker</p>		<p>Unable to recover Collars. Top Plugged and abandoned 60 sxs, 6350'-6550' 60 sxs, 6020'-6220' 30 sxs, 3920'-4020' 30 sxs, 1225'-1325' 10 sxs, Top of surface casing Dry Hole Marker</p>	<p>38. GEOLOGIC MARKERS</p>	<p>Cutler Hermosa Salt Cane Creek Lower Hermosa Mississippian  (1) Samples</p>	<p>3200 3970 6120 6442  6815(1) 6950(1)</p>	

STATE LEASE  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

ML 30603

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hunters Canyon

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 16-T27S-R22E

SLM

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

1. SUNDRY NOTICES AND REPORTS ON WELLS  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

OIL WELL  GAS WELL  OTHER Plug and Abandon

2. NAME OF OPERATOR  
May Petroleum Incorporated

3. ADDRESS OF OPERATOR One Energy Square, Suite 1000,  
4925 Greenville Avenue, Dallas, Texas 75206

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
1980'FSL, 660'FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5435'GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)   
PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)   
REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

It is proposed to plug and abandon this well in the following manner:  
T.D. 7100  
Set 60 sx. cement plug, 6350-6550'. Top of fish left in hole-6583'.  
Set 60 sx cement plug, 6020-6220', Top of salt - 6120'.  
Set 30 sx cement plug, 3920-4020', Top of Hermosa - 3970.  
Set 30 sx cement plug, 1225'-1325', Bottom of 8-5/8" surface casing - 1313'.  
Set 10 sx cement plug in top of surface casing with Dry Hole Marker.

Verbal approval received from Paul W. Burchell 12-11-74.

For: May Petroleum Incorporated

18. I hereby certify that the foregoing is true and correct

SIGNED Ewell N. Walsh, P. E.

PRESIDENT, Walsh Engineering  
& Prod. Corp.

DATE Dec. 18, 1974

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

STATE LEASE  
 UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
 Budget Bureau No. 42-R355.5

9

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other Plug & Abandon

2. NAME OF OPERATOR  
 May Petroleum Incorporated

3. ADDRESS OF OPERATOR One Energy Square, Suite 1000,  
 4925 Greenville Avenue, Dallas, Texas 75206

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface 1980'FSL, 660'FEL  
 At top prod. interval reported below  
 At total depth  
 At 6563'  
 1525'FSL, 1148'FEL

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.  
 M.L. 30603

6. IF INDIAN, ALLOTTEE OR TRIBE NAME \_\_\_\_\_

7. UNIT AGREEMENT NAME \_\_\_\_\_

8. FARM OR LEASE NAME  
 Hunters Canyon

9. WELL NO.  
 1

10. FIELD AND POOL, OR WILDCAT  
 Undesignated

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA  
 Sec. 16-T27S-R22E  
 SLM

12. COUNTY OR PARISH  
 San Juan

13. STATE  
 Utah

15. DATE SPUDDED 9-20-74 16. DATE T.D. REACHED 11-25-74 17. DATE COMPL. (Ready to prod.) 12-14-74 P&A 18. ELEVATIONS (DF, REB, RT, GB, ETC.)\* 5435' GR 19. ELEV. CASINGHEAD 5435'

20. TOTAL DEPTH, MD & TVD 7100 21. PLUG, BACK T.D., MD & TVD Surface 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS X CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
 None

25. WAS DIRECTIONAL SURVEY MADE  
 Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN  
 Dual Laterlog, BHC Sonic, Neutron, Directional Survey

27. WAS WELL CORED  
 No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
12-3/4	35.99	79	17-1/2	120 sxs	None
8-5/8	24.00	1313	11	424 sxs	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
None		

31. PERFORATION RECORD (Interval, size and number)  
 None

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

33.\* PRODUCTION

DATE FIRST PRODUCTION P&A PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) \_\_\_\_\_

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) \_\_\_\_\_ TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS  
 See Over for Remarks

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
 For: May Petroleum Incorporated President, Walsh Engineering & Production Corporation  
 SIGNED Ewell N. Walsh TITLE \_\_\_\_\_ DATE Dec. 18, 1974  
 Ewell N. Walsh, P. E.

\*(See Instructions and Spaces for Additional Data on Reverse Side)

**STATE LEASE**  
**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-1424.

5. LEASE DESIGNATION AND SERIAL NO.

**ML 30603**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Hunters Canyon**

9. WELL NO.

**1**

10. FIELD AND POOL, OR WILDCAT

**Undesignated**

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA

**Sec. 16-T27S-R22E**

**SLM**

12. COUNTY OR PARISH

**San Juan**

13. STATE

**Utah**

1. OIL WELL  GAS WELL  OTHER  **Plug and Abandon**

2. NAME OF OPERATOR  
**May Petroleum Incorporated**

3. ADDRESS OF OPERATOR **One Energy Square, Suite 1000,  
4925 Greenville Avenue, Dallas, Texas 75206**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
**1980'FSL, 660'FEL**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

**5435'GR**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This well was plugged and abandoned in the following manner:  
**12-14-74 T.D. 7100'**

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Set 60 sx cement plug, 6020-6220', Top of salt - 6120'.

Set 30 sx cement plug, 3920-4020', Top of Hermosa - 3970.

Set 30 sx cement plug, 1225'-1325', Bottom of 8-5/8" surface casing - 1313'.

Set 10 sx cement plug in top of surface casing with Dry Hole Marker.

**For: May Petroleum Incorporated**

18. I hereby certify that the foregoing is true and correct

SIGNED

**Ewell N. Walsh, P. E.**

(This space for Federal or State office use)

**President, Walsh Engineering  
& Prod. Corp.**

TITLE

DATE

**Dec. 18, 1974**

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

January 17, 1975

May Petroleum Corporation  
c/o Walsh Engineering & Production Corporation  
413 W. Main  
P.O. Box 254  
Farmington, New Mexico 87401

Re: Well No. Hunters Canyon #1  
Sec. 16, T. 27 S, R. 22 E,  
San Juan County, Utah

Gentlemen:

This letter is to advise you that the electric and/or radioactivity logs run on the above referred to well are due and have not as yet been filed with this office as required by our rules and regulations.

In order to keep our files accurate and complete, it would be greatly appreciated if said logs were forwarded at your earliest convenience.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE WILCOX  
EXECUTIVE SECRETARY

:sw